



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
-----------------	-------------	----------------------	---------------------	------------------

10/608,358

06/26/2003

Karl Denninghoff

042390.P22425

7774

45209 7590 03/25/2008

INTEL/BLAKELY  
1279 OAKMEAD PARKWAY  
SUNNYVALE, CA 94085-4040

EXAMINER

TRAN, CON P

ART UNIT

PAPER NUMBER

2615

MAIL DATE

DELIVERY MODE

03/25/2008

PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

<b>Office Action Summary</b>	<b>Application No.</b> 10/608,358	<b>Applicant(s)</b> DENNINGHOFF, KARL	
	<b>Examiner</b> CON P. TRAN	<b>Art Unit</b> 2615	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 12/11/2007.
- 2a) ☒ This action is **FINAL**.                      2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-29 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-29 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |  |   |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)                     | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____                                      |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)          | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____  | 6) <input type="checkbox"/> Other: _____                          |

## DETAILED ACTION

### ***Claim Rejections - 35 USC § 103***

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. **Claims 1, 10-12, 14, 24-27** are rejected under 35 U.S.C. 103(a) as being unpatentable over Willins et al. U.S. Patent 7,110,799 (hereinafter, "Willins") in view of Erikson et al. U.S. Patent 6,826,174 (hereinafter, "Erikson").

Regarding **claim 14**, Willins teaches an event announcement system (headset 120, Fig. 1) for a computing device (computing device 110, col. 3, lines 16-32; see Figs. 1, 2, 3, 6 and respective portions of the specification), comprising:

a computing device (computing device 110, col. 3, lines 19-25);

an event announcement device (headset 120, Fig. 1) coupled to the computing device (col. 3, lines 16-32); and

a control program (sensing component 130, Fig. 1, col. 3, lines 32-37;

where "component" is intended to refer to a computer-related entity, either hardware, a combination of hardware and software, software, or software in execution; col. 3, lines

7-15) being executed by the computing device (computing device 110) that controls the event announcement (ringing, col. 4, lines 19-25) of the computing device (computing device 110), the control program (program, col. 3, lines 7-15) further comprising instructions (software in execution, col. 3, lines 7-15) that determine the type of the event announcement device (i.e., operate with one or more different type of headset 120, Fig. 1; col. 3, lines 25-32) coupled to the computing device (110, see Fig. 1) and instructions that generate a predetermined event announcement signal (ringing for telephone mode, col. 4, lines 54-59) based on the determined type of event announcement device (issue command based on headset, see step 635, Fig. 6; col. 6, lines 43-55).

However, Willins does not explicitly disclose the computing device that manages Voice over Internet Protocol (VoIP) call.

Erekson discloses a system and method of interfacing a standard telephone (col. 1, lines 7-10) or Personal Digital Assistants (col. 6, lines 41-47) to a VoIP compatible communication network in which the software and circuitry interface being able to generate a ring signal in the attached telephone handset after detecting an incoming VoIP call (col. 4, lines 30-34) and keep their E-mail and web applications running while conducting multiple voice and data calls over one phone line (col. 2, lines 24-28), i.e., manages Voice over Internet Protocol (VoIP) call.

It would have been obvious to one of ordinary skill in the art at the time the invention was made to have incorporated the system and method of interfacing to a VoIP compatible communication network taught by Erekson with the system of Willins

such that the computing device manages Voice over Internet Protocol (VoIP) call as claimed for purpose of creating the same look, feel, and usage to which the user is accustomed from the standard telephone connection, as suggested by Ereksen in column 3, lines 50-52.

Regarding **claim 24**, Willins teaches the system of Claim 14, wherein the computing device further comprises a personal digital assistant (col. 3, lines 22-25).

Regarding **claim 25**, Willins teaches the system of Claim 14, wherein the event further comprises an incoming telephone call (col. 4, lines 19-25).

Regarding **claims 26-27**, Willins teaches the system of claim 14. However, Willins does not explicitly disclose wherein the event further comprises an incoming VoIP telephone call.

Ereksen discloses a system and method of interfacing a standard telephone (col. 1, lines 7-10) or Personal Digital Assistants (col. 6, lines 41-47) to a VoIP compatible communication network in which the software and circuitry interface being able to generate a ring signal in the attached telephone handset after detecting an incoming VoIP call (col. 4, lines 30-34) and keep their E-mail and web applications running while conducting multiple voice and data calls over one phone line (col. 2, lines 24-28).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to have incorporated the system and method of interfacing to a

Art Unit: 2615

VoIP compatible communication network taught by Erekson with the system of Willins wherein the event further comprises an incoming VoIP telephone call; and an incoming electronic mail message as claimed for purpose of creating the same look, feel, and usage to which the user is accustomed from the standard telephone connection, as suggested by Erekson in column 3, lines 50-52

Regarding **claim 1**, this claim merely reflects the method to the apparatus claim of Claim 14 and is therefore rejected for the same reasons. It is noted that Willins does not specify the headset which including two speakers (see Willins col. 5, lines 38-46) is a stereo device. However, Erekson further discloses the VoIP packets takes place in the sound system providing stereo surround speakers (col. 2, lines 46-55); including headset (140, Fig. 2; col. 8, lines 65-67; col. 9, lines 13-19).

Regarding **claim 10**, this claim merely reflects the method to the apparatus claim of Claim 25 and is therefore rejected for the same reasons.

Regarding **claims 11-12**, these claims merely reflect the method to the apparatus claim of Claims 26-27 and are therefore rejected for the same reasons.

3. **Claims 2, 15, and 23** are rejected under 35 U.S.C. 103(a) as being unpatentable over Willins et al. U.S. Patent 7,110,799 (hereinafter, "Willins") in view of Erikson et al. U.S. Patent 6,826,174 (hereinafter, "Erikson"), and further in view of DeLadurantaye U.S. Patent 6,350,150.

Regarding **claim 15**, Willins teaches the system of claim 14. Willins teaches the computing device further comprises a headset receptacle jack (not shown) which can accept a plurality of different types of headsets (i.e., the event announcement device ; col. 3, lines 61-67). Erikson, as modified, further discloses the VoIP packets takes place in the sound system providing stereo surround speakers (col. 2, lines 46-55); including headset (140, Fig. 2; col. 8, lines 65-67) plugged into podule (110, Fig. 2; col. 9, lines 13-19). However, Willins in view of Erikson does not explicitly specify wherein the headset receptacle jack being a stereo jack.

DeLadurantaye discloses a computing device (personal computer) including mini stereo jack, an adapter having a male mini stereo jack (3, Figs. 3, 5) for connection into the PC sound board; and also having a female mini stereo jack (2, Figs. 3, 5) for reception of standard PC sound equipment (col. 2, lines 48-57) such as speaker (see Figs. 3, 5; col. 3, lines 61-65).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to have incorporated the mini stereo jack taught by DeLadurantaye with the system of Willins in view of Erikson wherein the computing device further comprises a stereo jack into which the event announcement device is coupled as

claimed for purpose of allowing direct connection, as suggested by DeLadurantaye in column 1, lines 16-17.

Regarding **claim 23**, Willins in view of Erekson and further in view of DeLadurantaye teaches the system of claim 15. DeLadurantaye, as modified, further teaches the stereo jack (including a female mini stereo jack 2, Figs. 3, 5) further comprises a portion which leaves an internal speaker of the computing device connected (the male stereo plug 3, Figs. 1, 3, 5 being inserted into female stereo jack, not shown; see col. 3, 53-58) and a second portion which connects an external event announcement device to the computing device (inserting the standard male plug of typical computer speakers into female stereo plug (2) of the device male stereo plug (3, Figs. 1, 3, 5; col. 3, lines 53-58) so that both the internal speaker and the external event announcement device are capable of generating the predetermined event announcement signal (i.e., by splitting the signal coming from the computer into three ways; col. 3, lines 53-58; in other words, the internal speaker also generates sound signal).

Regarding **claim 2**, this claim merely reflects the method to the apparatus claim of Claim 15 and is therefore rejected for the same reasons.



4. **Claims 3-4, 6, 16-17, and 19** are rejected under 35 U.S.C. 103(a) as being unpatentable over Willins et al. U.S. Patent 7,110,799 (hereinafter, "Willins") in view of Erikson et al. U.S. Patent 6,826,174 (hereinafter, "Erikson"), in view of DeLadurantaye U.S. Patent 6,350,150, and further in view of Roberts U.S. Patent Application Publication 2003/0196249.

Regarding **claim 16**, Willins in view of Erikson in view of DeLadurantaye teaches the system of claim 15. Erikson, as modified, further discloses the VoIP packets takes place in the sound system providing stereo surround speakers (col. 2, lines 46-55); including headset (140, Fig. 2; col. 8, lines 65-67; col. 9, lines 13-19). DeLadurantaye, as modified, further teaches an external speaker separate from a speaker internal to the computing device (i.e., standard computer speakers using standard male plug of typical computer speakers into female stereo plug (2, Figs. 1, 3) and a standard home audio connecting to left and right RCA plugs (4, Figs. 1, 3) both connected to the stereo jack (not shown) on the soundcard via male stereo plug (3, Figs. 1, 3; see col. 3, 53-58) and wherein the event announcement signal further comprises a sound signal generated by the external speaker (i.e., to split the signal coming from the computer three ways; col. 3, lines 53-58).

However, Willins in view of Erikson in view of DeLadurantaye does not explicitly disclose the standard home audio being a set of headphones.

Roberts discloses a winter hat has build in headphones in which the headphone speakers connecting to portable device via RCA plug adapter (see Front view Figure; [0001, 0002]).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to have incorporated the set of headphones taught by Roberts with the system of Willins in view of Erikson in view of DeLadurantaye to obtain an external speaker and a set of headphones as claimed for purpose of allowing to hear live information, as suggested by Roberts in paragraph [0001].

Regarding **claim 17**, Willins in view of Erikson in view of DeLadurantaye and further in view of Roberts teaches the system of claim 16. DeLadurantaye, as modified, further discloses the male stereo plug (3, Figs. 1, 3) being inserted into female stereo jack (not shown) and connected to left and right RCE female plugs (4) at the end of cable (5, Figs. 1, 3, 5; col. 3, lines 42-67), which is left and right stereo RCA cables (col. 1, lines 46-51); the stereo RCA cables (5) are soldered to soldered wire connections (6) on the back of stereo plug (3; see Fig. 5; col. 3, lines 46-52) to split the signal coming from the computer three ways (col. 3, lines 53-58).

However, Willins in view of Erikson in view of DeLadurantaye and further in view of Roberts does not explicitly specify wherein the external speaker is electrically connected to a first channel of the stereo jack and wherein the set of headphones is electrically connected to a second channel of the stereo jack.

Nevertheless, it would have been obvious to one of ordinary skill in the art at the time the invention was made, those of ordinary skill in the art when facing a design need of connecting a external speaker to a first channel and a set of headphones to a second channel would have recognized and would have modified the system of Willins in view of DeLadurantaye and further in view of Roberts by connecting the external speaker and the set of headphones as claimed for purpose of allowing direct connection to audio equipment without disconnection of the computing sound output equipment, as suggested by DeLadurantaye in column 1, lines 15-18.

Regarding **claim 19**, Willins in view of Erikson in view of DeLadurantaye teaches the system of claim 15. DeLadurantaye, as modified, further teaches a female stereo plug (2, Figs. 1, 3), a standard home audio connecting to left and right RCA plugs (4, Figs. 1, 3) both connected to the stereo jack (not shown) on the soundcard via male stereo plug (3, Figs. 1, 3; see col. 3, 53-58) and wherein the event announcement signal further comprises a sound signal generated by the internal speaker (i.e., to split the signal coming from the computer three ways; col. 3, lines 53-58; in other words, the internal speaker also generates sound signal).

However, Willins in view of Erikson in view of DeLadurantaye does not explicitly disclose the standard home audio being a set of headphones.

Roberts discloses a winter hat has build in headphones in which the headphone speakers connecting to portable device via RCA plug adapter (see Front view Figure; [0001, 0002]).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to have incorporated the set of headphones taught by Roberts with the system of Willins in view of Erikson in view of DeLadurantaye to obtain an external speaker and a set of headphones as claimed for purpose of allowing to hear live information, as suggested by Roberts in paragraph [0001].

Regarding **claims 3-4**, these claims merely reflect the method to the apparatus claim of claims 16-17 and are therefore rejected for the same reasons.

Regarding **claim 6**, this claim merely reflects the method to the apparatus claim of Claim 19 and is therefore rejected for the same reasons.

5. **Claims 5 and 18** are rejected under 35 U.S.C. 103(a) as being unpatentable over Willins et al. U.S. Patent 7,110,799 (hereinafter, "Willins") in view of Erikson et al. U.S. Patent 6,826,174 (hereinafter, "Erikson") in view of DeLadurantaye U.S. Patent 6,350,150, in view of Roberts U.S. Patent Application Publication 2003/0196249, and further in view of Singer et al. U.S. Patent 5,889,843 (hereinafter, "Singer").

Regarding **claim 18**, Willins in view of Erikson in view of DeLadurantaye teaches the system of claim 15. DeLadurantaye, as modified, further teaches a female stereo plug (2, Figs. 1, 3), a standard home audio connecting to left and right RCA plugs (4, Figs. 1, 3) both connected to the stereo jack (not shown) on the soundcard via male

stereo plug (3, Figs. 1, 3; see col. 3, 53-58) and wherein the event announcement signal further comprises a sound signal generated by the internal speaker (i.e., to split the signal coming from the computer three ways; col. 3, lines 53-58; in other words, the internal speaker also generates sound signal).

However, Willins in view of Erikson in view of DeLadurantaye does not explicitly disclose the standard home audio being a set of headphones.

Roberts discloses a winter hat has build in headphones in which the headphone speakers connecting to portable device via RCA plug adapter (see Front view Figure; [0001, 0002]).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to have incorporated the set of headphones taught by Roberts with the system of Willins in view of Erikson in view of DeLadurantaye to obtain an external speaker and a set of headphones as claimed for purpose of allowing to hear live information, as suggested by Roberts in paragraph [0001].

However, Willins in view of Erikson in view of DeLadurantaye in view of Roberts does not explicitly disclose the set of headphones being an in-ear headphones.

Singer discloses a system of audio communication (Fig. 1, col. 3, lines 20-25) in which the set of audio output devices can be in the form of headphones including in-ear headphones (col. 5, lines 3-6).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to have incorporated the set of in-ear headphones taught by Singer with the system of Willins, Erikson, DeLadurantaye, and Roberts in combination to

obtain the in-ear headphones as claimed for purpose of allowing allow a user to arrange and manipulate an auditory environment, as suggested by Singer in column 11, lines 31-34.

Regarding **claim 5**, this claim merely reflects the method to the apparatus claim of Claim 18 and is therefore rejected for the same reasons.

6. **Claims 7 and 20** are rejected under 35 U.S.C. 103(a) as being unpatentable over Willins et al. U.S. Patent 7,110,799 (hereinafter, "Willins") in view of Erikson et al. U.S. Patent 6,826,174 (hereinafter, "Erikson"), in view of DeLadurantaye U.S. Patent 6,350,150, and further in view of Pan et al. U.S. Patent 6,653,934 (hereinafter, "Pan").

Regarding **claim 20**, Willins in view of Erikson in view of DeLadurantaye teaches the system of claim 15. DeLadurantaye, as modified, further teaches an external speaker separate from the speaker internal to the computing device (i.e., standard computer speakers using standard male plug of typical computer speakers into female stereo plug (2, Figs. 1, 3) and a standard home audio connecting to left and right RCA plugs (4, Figs. 1, 3) both connected to the stereo jack (not shown, col. 3, 53-58) and wherein the event announcement signal further comprises a sound signal generated by the internal speaker (i.e., to split the signal coming from the computer three ways; col. 3, lines 53-58; in other words, the internal speaker also generates sound signal).

However, Willins in view of Erikson in view of DeLadurantaye does not explicitly disclose wherein the event announcement device further comprises a buzzer.

Pan discloses an application of such audio transducers, commonly known as buzzers in the field of portable electronic devices, such as cell phones, PDA or pagers (col. 1, lines 13-25).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to have incorporated the buzzer taught by Pan with the external speaker in system of Willins in view of Erikson in view of DeLadurantaye to obtain buzzer as claimed for purpose of being both reliable and compact, as suggested by Pan in column 1, lines 19-20.

Regarding **claim 7**, this claim merely reflects the method to the apparatus claim of Claim 20 and is therefore rejected for the same reasons.

7. **Claims 8 and 21** are rejected under 35 U.S.C. 103(a) as being unpatentable over Willins et al. U.S. Patent 7,110,799 (hereinafter, "Willins") in view of Erikson et al. U.S. Patent 6,826,174 (hereinafter, "Erikson"), in view of DeLadurantaye U.S. Patent 6,350,150, in view of Roberts U.S. Patent Application Publication 2003/0196249, and further in view of Pan et al. U.S. Patent 6,653,934 (hereinafter, "Pan").

Regarding **claim 21**, Willins in view of Erikson in view of DeLadurantaye teaches the system of claim 15. DeLadurantaye, as modified, further teaches an

Art Unit: 2615

external speaker separate from the speaker internal to the computing device (i.e., standard computer speakers using standard male plug of typical computer speakers into female stereo plug (2, Figs. 1, 3) and a standard home audio connecting to left and right RCA plugs (4, Figs. 1, 3) both connected to the stereo jack (not shown) on the soundcard via male stereo plug (3, Figs. 1, 3; see col. 3, 53-58) and wherein the event announcement signal further comprises a sound signal generated by the internal speaker (i.e., to split the signal coming from the computer three ways; col. 3, lines 53-58; in other words, the internal speaker also generates sound signal).

However, Willins in view of Erikson in view of DeLadurantaye does not explicitly disclose the standard home audio being a set of headphones.

Roberts discloses a winter hat has build in headphones in which the headphone speakers connecting to portable device via RCA plug adapter (see Front view Figure; [0001, 0002]).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to have incorporated the set of headphones taught by Roberts with the system of Willins in view of Erikson in view of DeLadurantaye to obtain an external speaker and a set of headphones as claimed for purpose of allowing to hear live information, as suggested by Roberts in paragraph [0001].

However, Willins in view of Erikson in view of DeLadurantaye in view of Roberts does not explicitly disclose wherein the event announcement device further comprises a buzzer.



Pan discloses an application of such audio transducers, commonly known as buzzers in the field of portable electronic devices, such as cell phones, PDA or pagers (col. 1, lines 13-25).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to have incorporated the buzzer taught by Pan with the external speaker in system of Willins, Erekson, DeLadurantaye, and Roberts in combination to obtain buzzer as claimed for purpose of being both reliable and compact, as suggested by Pan in column 1, lines 19-20.

Regarding **claim 8**, this claim merely reflects the method to the apparatus claim of Claim 21 and is therefore rejected for the same reasons.

8. **Claims 9 and 22** are rejected under 35 U.S.C. 103(a) as being unpatentable over Willins et al. U.S. Patent 7,110,799 (hereinafter, "Willins") in view of Erekson et al. U.S. Patent 6,826,174 (hereinafter, "Erekson"), in view of DeLadurantaye U.S. Patent 6,350,150, in view of Roberts U.S. Patent Application Publication 2003/0196249, in view of Singer et al. U.S. Patent 5,889,843 (hereinafter, "Singer"), and further in view of Pan et al. U.S. Patent 6,653,934 (hereinafter, "Pan").

Regarding **claim 22**, Willins in view of Erekson in view of DeLadurantaye teaches the system of claim 15. DeLadurantaye, as modified, further teaches a female stereo plug (2, Figs. 1, 3), a standard home audio connecting to left and right RCA plugs

(4, Figs. 1, 3) both connected to the stereo jack (not shown) on the soundcard via male stereo plug (3, Figs. 1, 3; see col. 3, 53-58) and wherein the event announcement signal further comprises a sound signal generated by the internal speaker (i.e., to split the signal coming from the computer three ways; col. 3, lines 53-58; in other words, the internal speaker also generates sound signal).

However, Willins in view of Erikson in view of DeLadurantaye does not explicitly disclose the standard home audio being a set of headphones.

Roberts discloses a winter hat has build in headphones in which the headphone speakers connecting to portable device via RCA plug adapter (see Front view Figure; [0001, 0002]).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to have incorporated the set of headphones taught by Roberts with the system of Willins in view of Erikson in view of DeLadurantaye to obtain an external speaker and a set of headphones as claimed for purpose of allowing to hear live information, as suggested by Roberts in paragraph [0001].

However, Willins in view of DeLadurantaye in view of Roberts does not explicitly disclose the set of headphones being an in-ear headphones.

Singer discloses a system of audio communication (Fig. 1, col. 3, lines 20-25) in which the set of audio output devices can be in the form of headphones including in-ear headphones (col. 5, lines 3-6).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to have incorporated the set of in-ear headphones taught by Singer

with the system of Willins, Erekson, DeLadurantaye, and Roberts in combination to obtain the in-ear headphones as claimed for purpose of allowing allow a user to arrange and manipulate an auditory environment, as suggested by Singer in column 11, lines 31-34.

However, Willins, Erekson, DeLadurantaye, Roberts and Singer in combination does not explicitly discloses wherein the event announcement device further comprises a buzzer.

Pan discloses an application of such audio transducers, commonly known as buzzers in the field of portable electronic devices, such as cell phones, PDA or pagers (col. 1, lines 13-25).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to have incorporated the buzzer taught by Pan with the external speaker in system of Willins, Erekson, DeLadurantaye, Roberts and Singer in combination to obtain buzzer as claimed for purpose of being both reliable and compact, as suggested by Pan in column 1, lines 19-20.

Regarding **claim 9**, this claim merely reflects the method to the apparatus claim of Claim 22 and is therefore rejected for the same reasons.

9. **Claims 28 and 13** are rejected under 35 U.S.C. 103(a) as being unpatentable over Willins et al. U.S. Patent 7,110,799 (hereinafter, "Willins") in view of Erekson et al.

U.S. Patent 6,826,174 (hereinafter, "Erekson"), and further in view of Pan et al. U.S. Patent 6,653,934 (hereinafter, "Pan").

Regarding **claim 28**, Willins in view of Erekson teaches the system of claim 14. However, Willins in view of Erekson does not explicitly disclose wherein the event further comprises an incoming page.

Pan discloses an application of such audio transducers, commonly known as buzzers in the field of portable electronic devices, such as cell phones, PDA or pagers (col. 1, lines 13-25).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to have incorporated the pagers taught by Pan with the external speaker in system of Willins in view of Erekson such that wherein the event further comprises an incoming page as claimed for purpose of being both reliable and compact, as suggested by Pan in column 1, lines 19-20.

Regarding **claim 13**, this claim merely reflects the method to the apparatus claim of Claim 28 and is therefore rejected for the same reasons.

10. **Claim 29** is rejected under 35 U.S.C. 103(a) as being unpatentable over DeLadurantaye U.S. Patent 6,350,150 in view of Roberts U.S. Patent Application

Publication 2003/0196249, and further in view of Erikson et al. U.S. Patent 6,826,174 (hereinafter, "Erikson").

Regarding **claim 29**, DeLadurantaye teaches an event announcement device (including standard computer speakers and a standard home audio; see col. 3, 53-68), comprising:

a stereo jack (including stereo jack, not shown, on the soundcard ; a male stereo plug 3, Figs. 1, 3; see col. 3, 53-58) having a first channel and a second channel (i.e., left and right stereo channel);

left and right RCE female plugs (4) at the end of cable (5, Figs. 1, 3, 5; col. 3, lines 42-67), which is left and right stereo RCA cables (col. 1, lines 46-51) connecting to standard home audio (col. 3, lines 65-67); the stereo RCA cables (5) are soldered to soldered wire connections (6) on the back of stereo plug (3; see Fig. 5; col. 3, lines 46-52) to split the signal coming from the computer three ways (col. 3, lines 53-58).

DeLadurantaye does not explicitly specify one of the left and right stereo RCA cables connected to a first channel; and one of the left and right stereo RCA cables connected to a second channel of the stereo jack.

Nevertheless, it would have been obvious to one of ordinary skill in the art at the time the invention was made, those of ordinary skill in the art when facing a design need of connecting one of the left and right stereo RCA cables to a first channel: and a one of the left and right stereo RCA cables to second channel of the stereo jack would have recognized and would have modified the event announcement device of DeLadurantaye

such for purpose of allowing direct connection to audio equipment without disconnection of the computing sound output equipment, as suggested by DeLadurantaye in column 1, lines 15-18.

However, DeLadurantaye does not explicitly specify the standard home audio being an event announcement device.

Roberts discloses a winter hat has build in headphones in which the headphone speakers (i.e., event announcement device) connecting to portable device via RCA plug adapter (see Front view Figure; [0001, 0002]).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to have incorporated the headphone taught by Roberts with the event announcement device of DeLadurantaye such that each headphone (which corresponds to an event announcement device) is connected to each of left and right stereo RCE female plugs for purpose of allowing to hear live information, as suggested by Roberts in paragraph [0001].

However, DeLadurantaye in view of Roberts does not explicitly disclose the signal provided to the first event announcement element corresponds to receipt of a Voice over Internet Protocol (VoIP) call.

Erekson discloses a system and method of interfacing a standard telephone (col. 1, lines 7-10) or Personal Digital Assistants (col. 6, lines 41-47) to a VoIP compatible communication network in which the software and circuitry interface being able to generate a ring signal in the attached telephone handset after detecting an incoming VoIP call (col. 4, lines 30-34) and keep their E-mail and web applications running while

Art Unit: 2615

conducting multiple voice and data calls over one phone line (col. 2, lines 24-28); the VoIP packets takes place in the sound system providing stereo surround speakers (col. 2, lines 46-55); including headset (140, Fig. 2; col. 8, lines 65-67) plugged into podule (110, Fig. 2; col. 9, lines 13-19).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to have incorporated the system and method of interfacing to a VoIP compatible communication network taught by Ereksen with the system of DeLadurantaye in view of Roberts such that the signal provided to the first event announcement element corresponds to receipt of a Voice over Internet Protocol (VoIP) call as claimed for purpose of creating the same look, feel, and usage to which the user is accustomed from the standard telephone connection, as suggested by Ereksen in column 3, lines 50-52.

### ***Response to Arguments***

11. With respect to objections to the claims, the claims have been amended.

Accordingly, the objections are removed.

12. Applicant's arguments with respect to claims 1-29 have been considered but are moot in view of the new grounds of rejection.

***Conclusion***

13. Applicant's amendment necessitated the new grounds of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to CON P. TRAN whose telephone number is (571)272-7532. The examiner can normally be reached on M - F (8:30 AM - 5:00 PM).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor Vivian C. Chin can be reached on (571) 272-7848. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR.



Art Unit: 2615

Status information for unpublished applications is available through Private PAIR only.

For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

cpt

March 25, 2008

/Vivian Chin/

Supervisory Patent Examiner, Art Unit 2615